

1/3

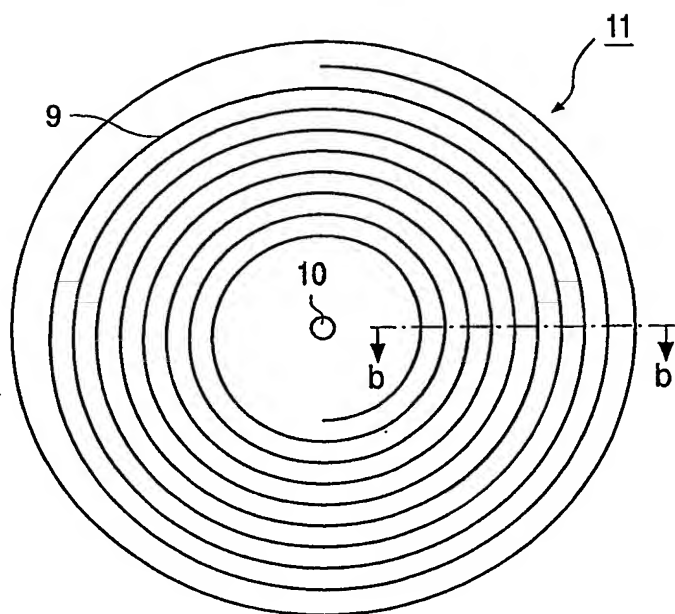


FIG. 1a

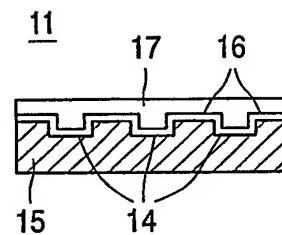


FIG. 1b

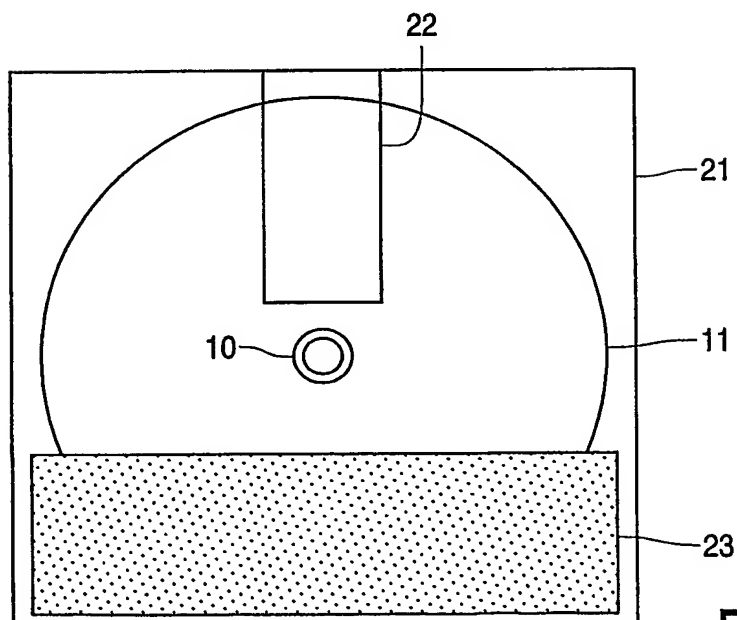


FIG. 2

2/3

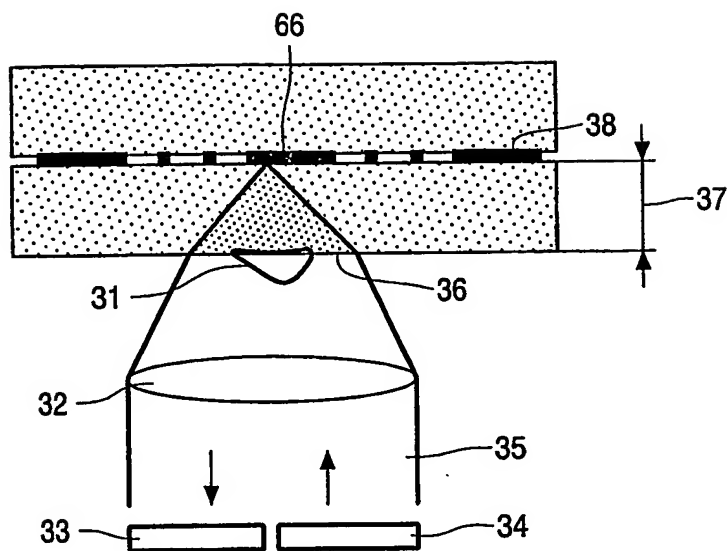


FIG. 3

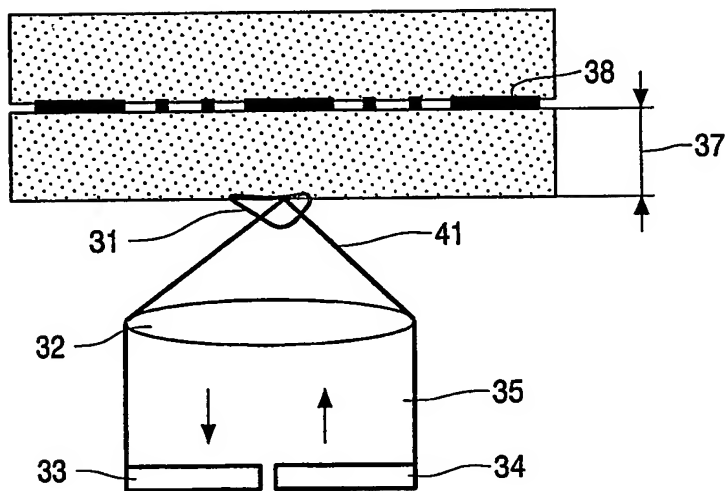


FIG. 4

The schematic diagram illustrates a laser system for a lithographic apparatus. A laser beam, represented by a dashed line with a double-headed arrow, originates from a laser source (52) and is directed through a series of mirrors (51, 50) and a beam splitter (53) to a lens (54). The beam is then focused onto a substrate (1) via a lens (55). The substrate (1) is positioned on a stage (56) and is illuminated by the laser beam. The system is controlled by a control unit (58) which is connected to the laser source (52), the beam splitter (53), and the stage (56). The control unit (58) is also connected to a power supply (59) and a cooling system (60). The laser beam is focused onto the substrate (1) at a point (65) to create a pattern (66).

The schematic diagram illustrates a laser system for a lithographic apparatus. A laser source (62) is shown with a beam splitter (61) and a series of mirrors (63, 64, 65, 66) that direct the light through a series of optical components (50, 51, 52, 53, 54, 55) to illuminate a substrate (1). The substrate is mounted on a stage (56) which is supported by a base (58). The diagram also shows a control system (57) that manages the laser's operation. The entire system is enclosed within a frame (58).

FIG. 6